

**ABSTRACT OF THE DISCLOSURE**

Disclosed is an information processing system including a first information processing apparatus having  
5 a first communication port for transmitting and receiving data; a second information processing apparatus having a second communication port for transmitting and receiving data; and a communicating portion for executing bi-directional communication between the first  
10 communication port and the second communication port, the information processing system comprising a utilizing portion for utilizing the communicating portion, for communication in a direction for which a first application program run on the first information processing apparatus  
15 sets the first communication port and the second communication port respectively as the sender and the destination of data; and a utilizing portion for utilizing the communicating portion, for communication in a direction for which a second application program run on  
20 the second information processing apparatus sets the second communication port and the first communication port respectively as the sender and the destination of data.